

FIG. 1 (PRIOR ART)

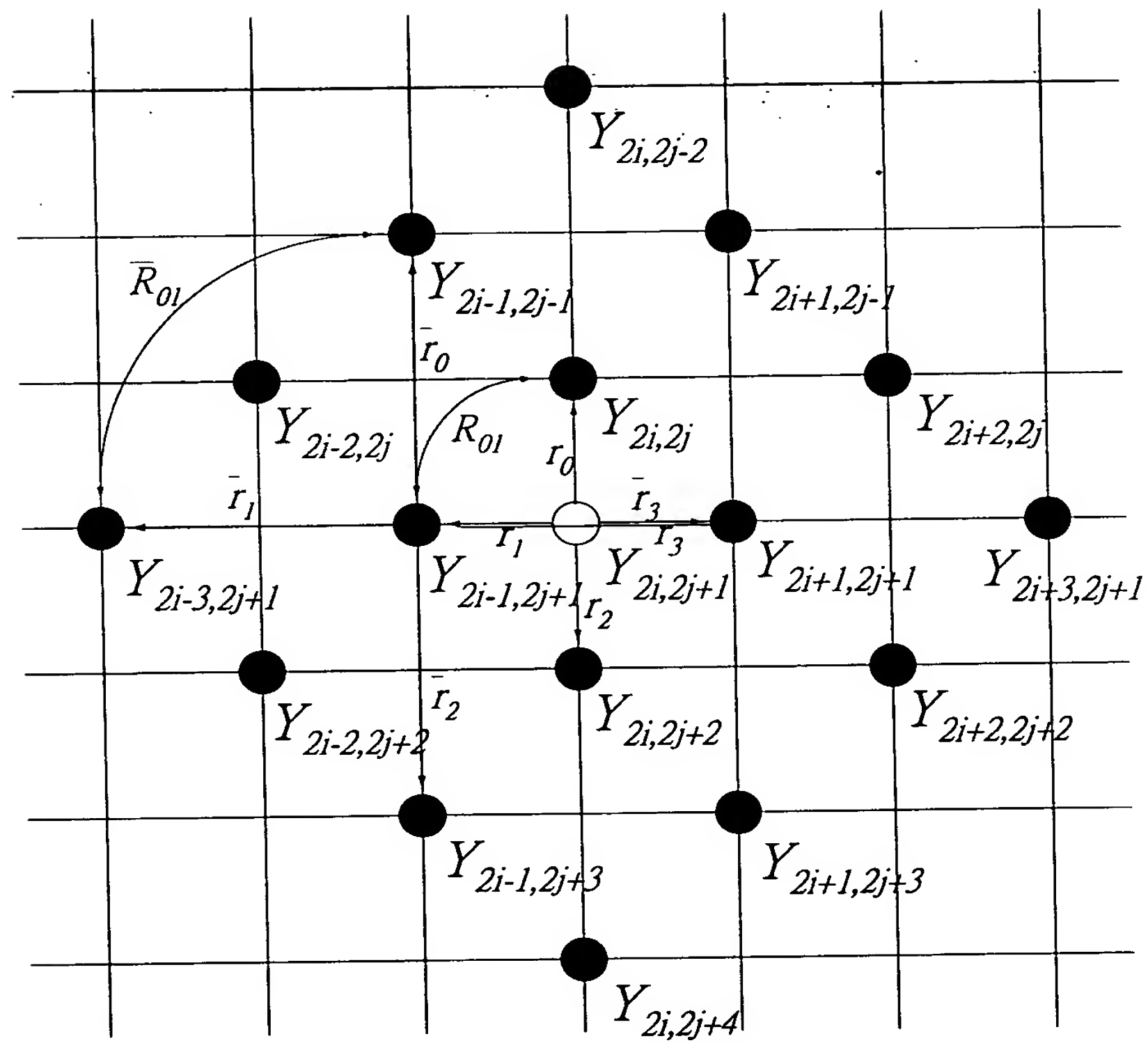


FIG. 2 (PRIOR ART)

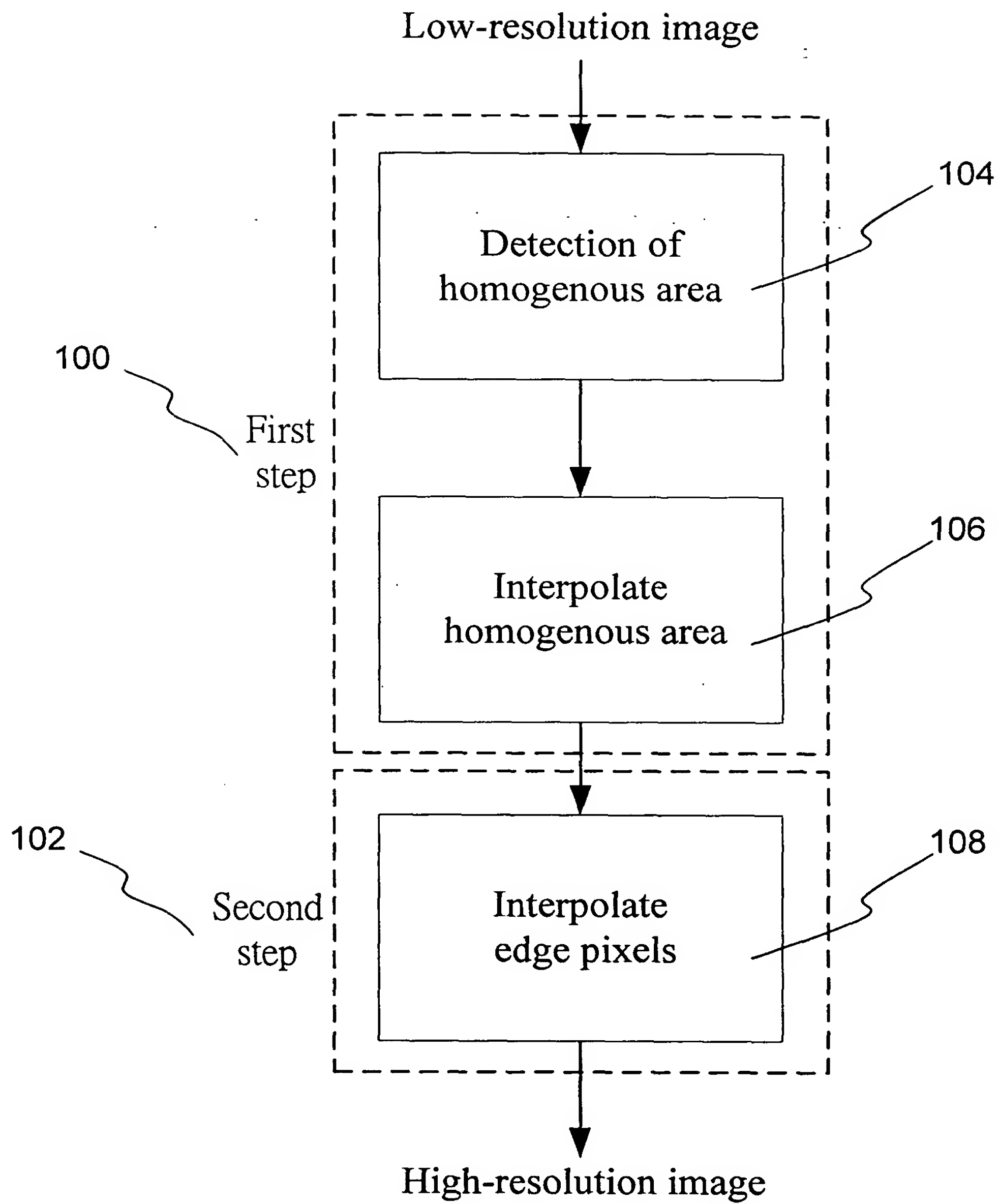
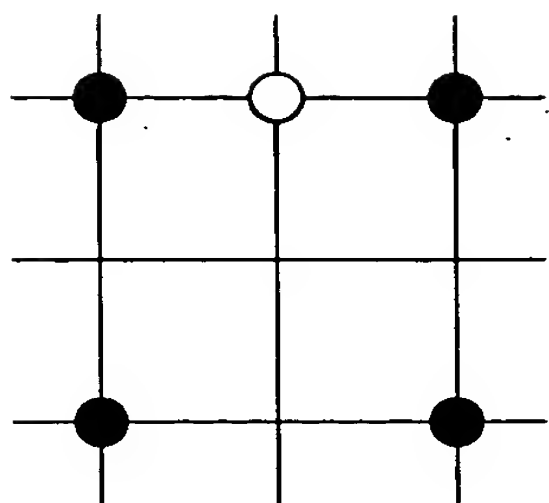
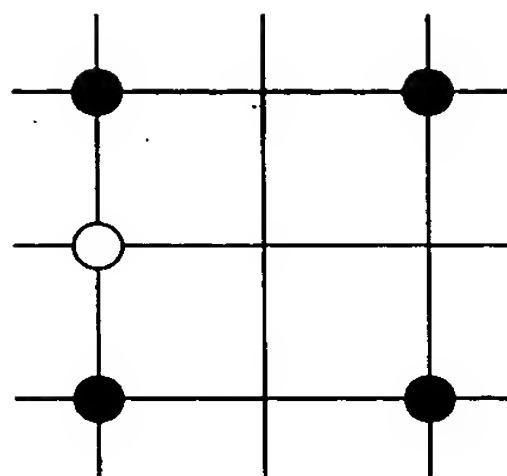


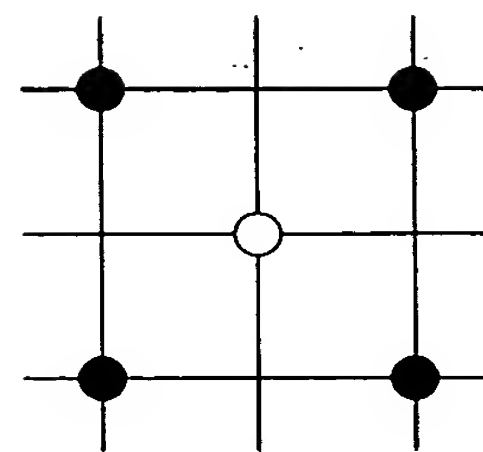
FIG. 3



(a) Horizontal



(b) Vertical



(c) Diagonal

FIG. 4



FIG. 5

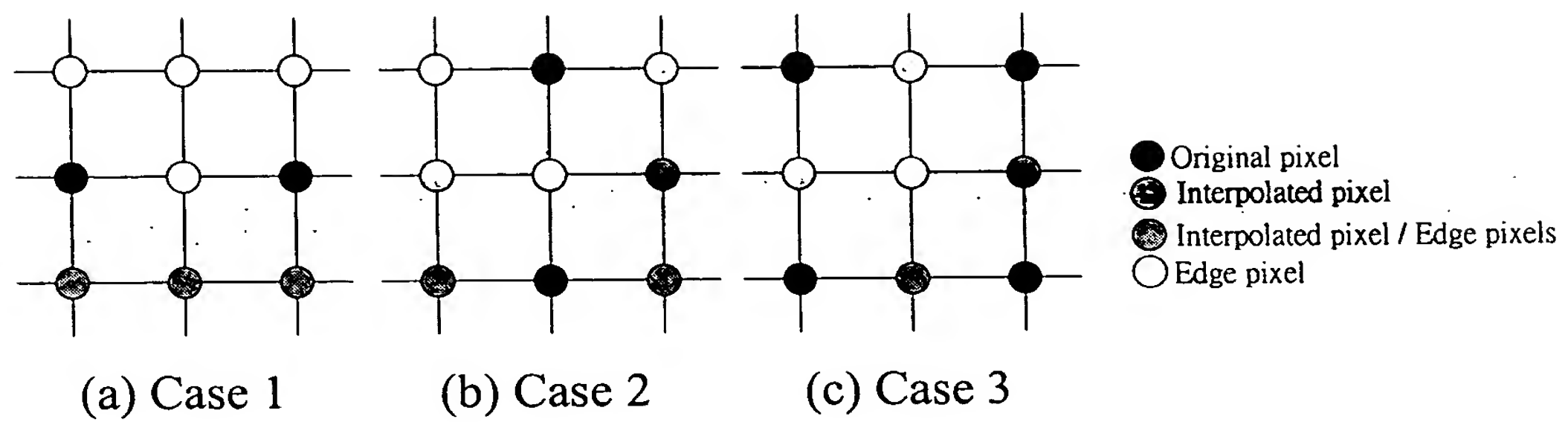


FIG. 6

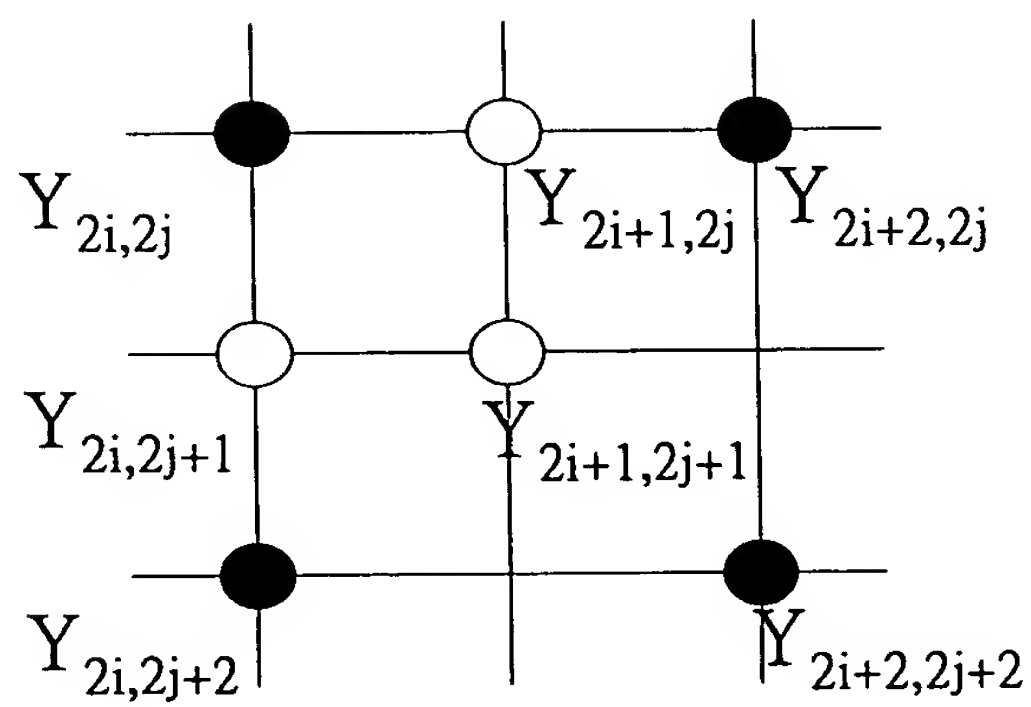


FIG. 7

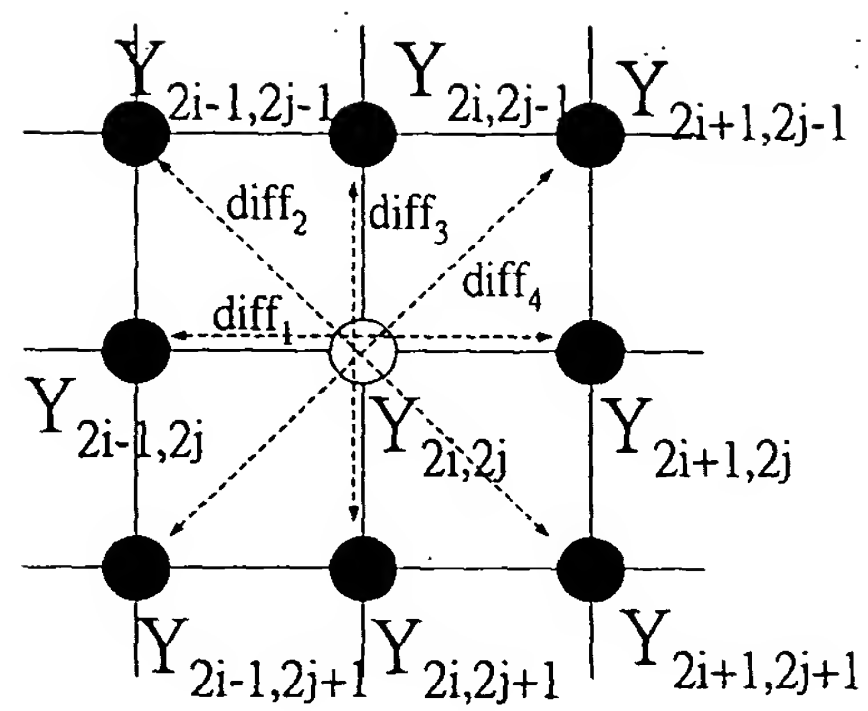


FIG. 8

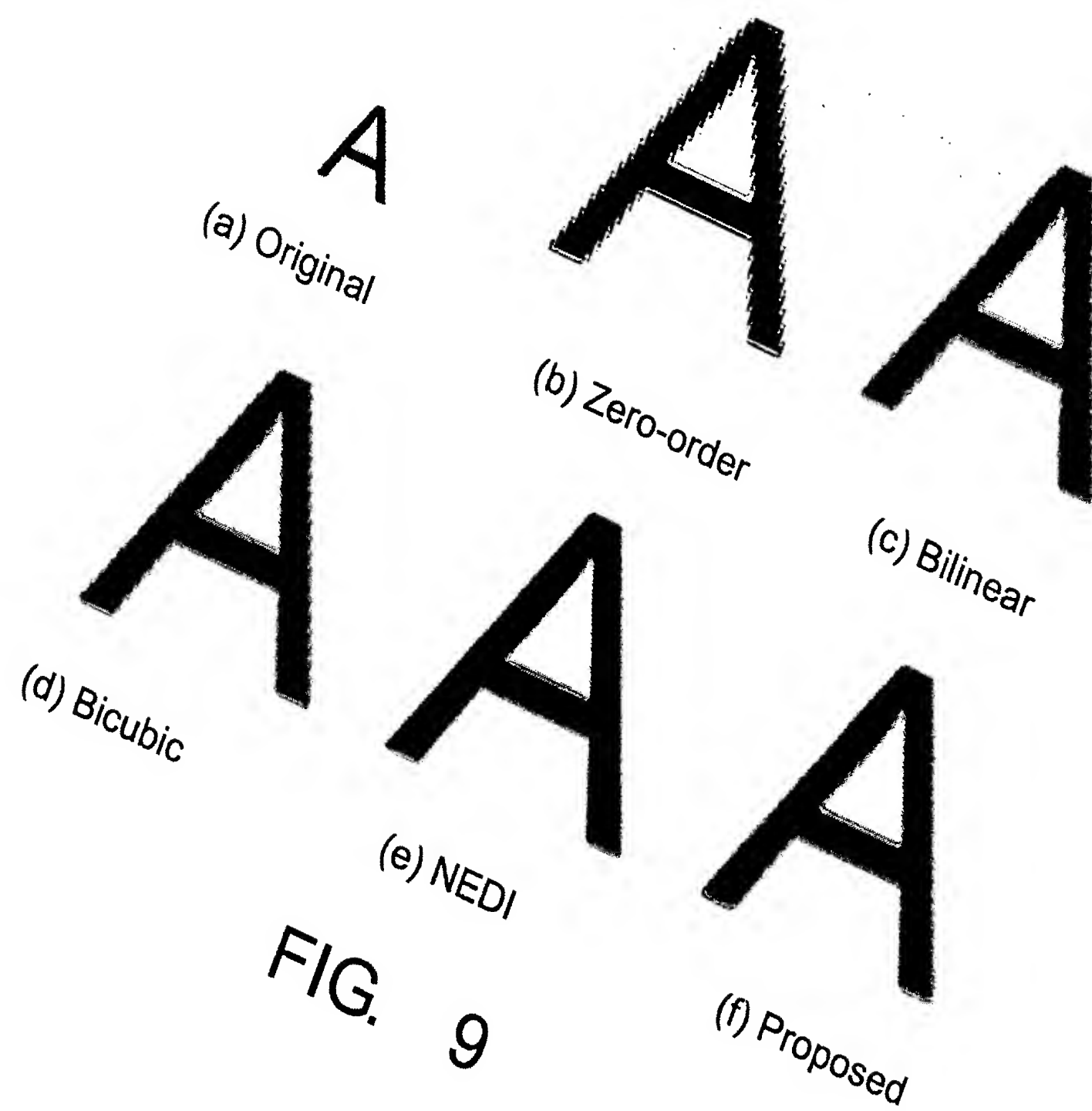


FIG. 9

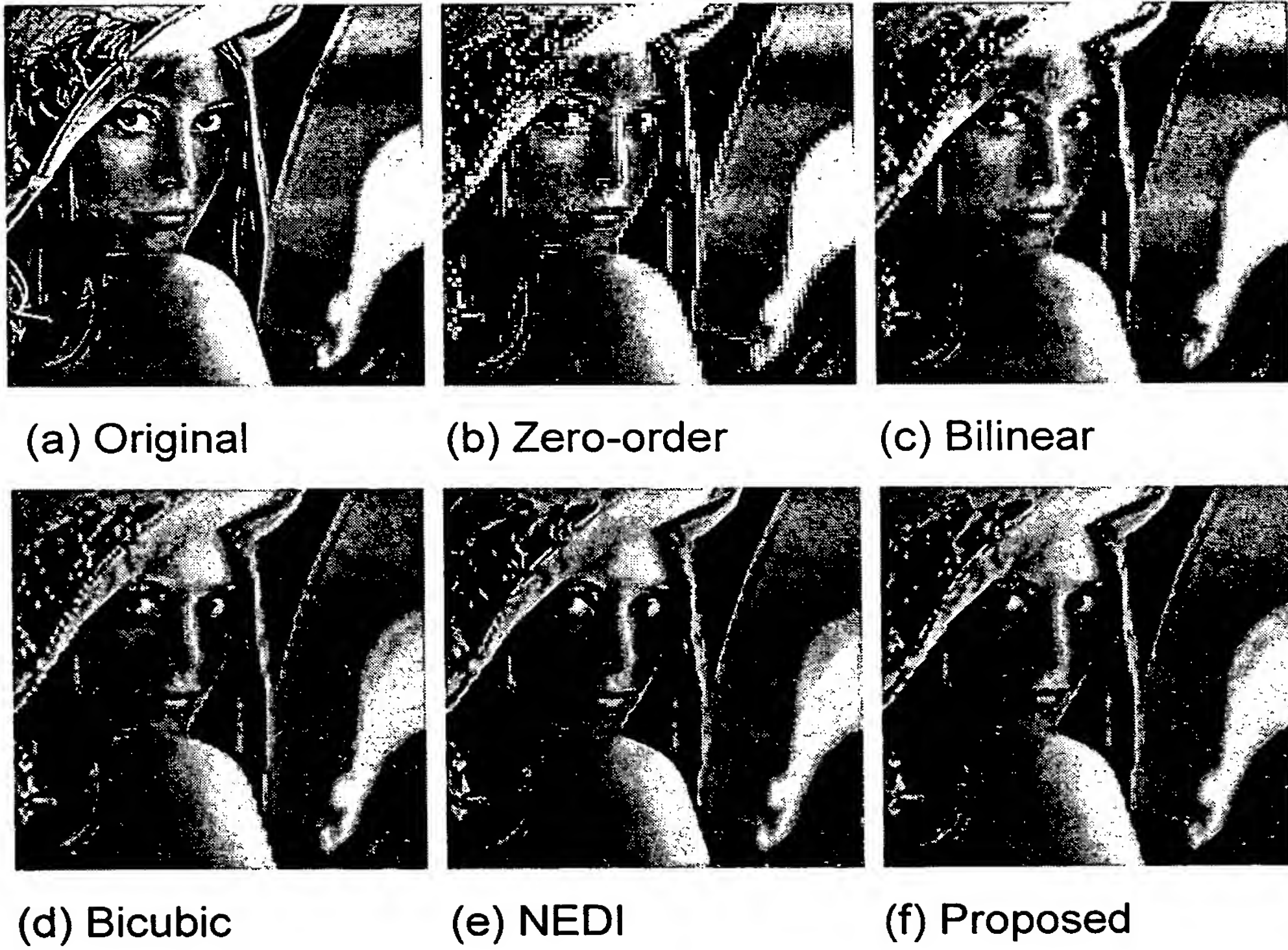


FIG. 10





(a) Original



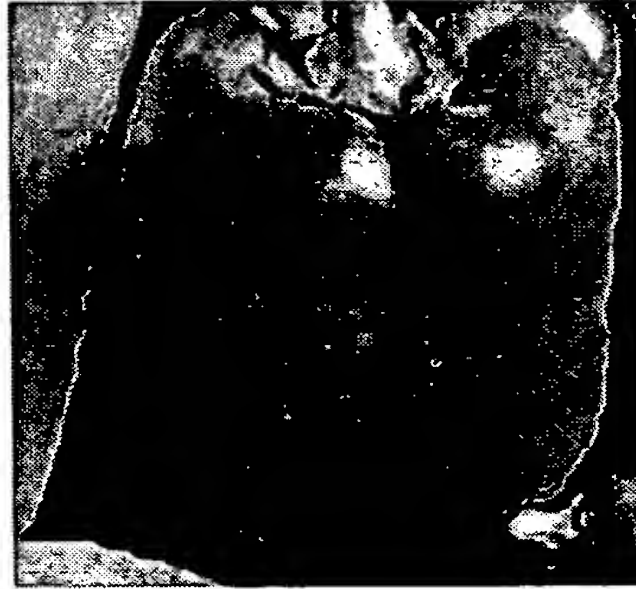
(b) Zero-order



(c) Bilinear



(d) Bicubic



(e) NEDI



(f) Proposed

FIG. 11